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NON-COMPLIANCE REPORT

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# 1992 NON-COMPLIANCE REPORT

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## Non-Compliance With Control Order and Certificate of Approval Limits

## Central Region

No.	Name of Plant	Location (MOEE Office)	Type of Concern	Status Report Based on Information Received from Jan 1 - Dec 31, 1992
1	Duffin Creek WPCP	Pickering (York-Durham)	Municipal Effluent	<ul style="list-style-type: none"><li>Exceeded the Certificate of Approval monthly limit for total phosphorus on 6 occasions and the annual limit for biochemical oxygen demand.</li><li>Plant is undergoing expansion which is expected to help reach the compliance limits.</li></ul>
2	GE Plastics Canada Ltd. - Cobourg	Cobourg (Peterborough)	Organic Chemical Manufacturing Effluent	<ul style="list-style-type: none"><li>Exceeded the Certificate of Approval 12 month rolling average concentration limit for biochemical oxygen demand on ten occasions; biochemical oxygen demand 12 month rolling average loading limit on two occasions and daily pH on three occasions.</li><li>The biochemical oxygen demand exceedances were due to a combination of a shock organic loading of vent oil and lower winter operating temperatures for the biological processes in the wastewater treatment plant.</li><li>GE Plastics' remedial action consisted of: reducing flow rate through the wastewater treatment plant; recycling more sludge from the 2° clarifier to increase the mixed liquor suspended solids; cleaning out the ABS extruder line, seal water decant tank and associated mechanisms.</li><li>For the long term GE Plastics replaced the seal water decant tank with a septic tank to reduce the build up of vent oil/solids residue; and replaced 2 of the 4 surface aerators with 2 subsurface mixers.</li><li>The pH exceedances were caused by a malfunction with the pH probe for the neutralization/lime addition system.</li></ul>

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No.	Name of Plant	Location (MOEE Office)	Type of Concern	Status Report Based on Information Received from Jan 1 - Dec 31, 1992
3	Humber WPCP	Toronto (Toronto West)	Municipal Effluent	<ul style="list-style-type: none"> <li>Exceeded monthly average total phosphorus limit on one occasion.</li> <li>Process modifications have been undertaken to address the exceedances.</li> </ul>
4	Penetanguishene STP Main Street Plant	Penetanguishene (Barrie)	Municipal Effluent	<ul style="list-style-type: none"> <li>Exceeded monthly average total phosphorus limit on 4 occasions.</li> <li>Facility is currently being expanded and compliance is expected in 1995.</li> </ul>
5	Penetanguishene STP Fox Street Plant	Penetanguishene (Barrie)	Municipal Effluent	<ul style="list-style-type: none"> <li>Exceeded monthly average total phosphorus limit on 4 occasions.</li> <li>Facility is currently being upgraded to tertiary treatment.</li> <li>Company is expected to be in compliance in 1995.</li> </ul>
6	Petro Canada Products - Oakville Refinery	Oakville (Oakville)	Petroleum Refining Effluent	<ul style="list-style-type: none"> <li>Exceeded the Certificate of Approval limit for total suspended solids on seven occasions and phenolics on one occasion during the reporting period.</li> <li>These exceedances occur when storm events cause treatment capacity to be exceeded.</li> <li>Petro Canada is taking a number of steps to reduce the impact of storm water including: diversion of stormwater from the property, redirection of stormwater from certain pump pads and a wastewater treatment plant upgrade that will be underway shortly.</li> </ul>



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7	Pickering NGS-A	Pickering (York-Durham)	Electric Power Generation Effluent	<ul style="list-style-type: none"><li>Exceeded the Certificate of Approval limit for temperature rise not to exceed 11° C on two occasions, and for total residual chlorine once during the reporting period.</li><li>Temperature rise exceedances in 1992 were attributed to condenser cooling water pumps being out of service.</li><li>The Certificate of Approval was amended in November 1992.</li><li>The .093 mg/L limit for Zebra Mussel control was revoked and replaced with a limit of .01 mg/L at the final outfall structure.</li><li>Company is expected to be in compliance in 1993.</li></ul>
8	Pickering NGS-B	Pickering (York-Durham)	Electric Power Generation Effluent	<ul style="list-style-type: none"><li>Exceeded the Certificate of Approval limit for temperature rise not to exceed 11° C on 21 occasions.</li><li>The exceedances were attributed to condenser leaks, fouling and cleaning of the condensers.</li><li>The Certificate of Approval effluent requirements were amended in April 1992 to accommodate up to 20 days in exceedance of the 11° C limit.</li></ul>
9	Stepan Canada Ltd. - Longford Mills	Longford Mills (Barrie)	Organic Chemical Manufacturing Effluent	<ul style="list-style-type: none"><li>Exceeded the Certificate of Approvals limit for pH on two occasions during the reporting period.</li><li>One exceedance was due to a spill and the other was a marginal failure to conform.</li><li>The local MOEE staff requested an action plan to address pH non-compliance.</li></ul>

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No.	Name of Plant	Location (MOEE Office)	Type of Concern	Status Report Based on Information Received from Jan 1 - Dec 31, 1992
1	Bala STP	Bala (Muskoka- Haliburton)	Municipal Effluent	<ul style="list-style-type: none"><li>Exceeded the annual average guideline for total suspended solids.</li><li>This facility is upgrading and compliance is anticipated in 1995-96.</li></ul>
2	CAMECO	Port Granby (York-Durham)	Mining Effluent	<ul style="list-style-type: none"><li>Exceeded the guidelines for monthly average arsenic concentrations on twelve occasions during the reporting period.</li><li>This site is scheduled for decommissioning when a Federal Government Task Force identifies a new site for receiving waste.</li><li>Following the commissioning of the new site all waste at Port Granby will be removed.</li></ul>
3	Corbett Creek WPCP	Whitby (York-Durham)	Municipal Effluent	<ul style="list-style-type: none"><li>Exceeded the guidelines for monthly average for total phosphorus concentrations on three occasions during the reporting period.</li><li>A new plant is currently under construction to replace this plant.</li></ul>



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No.	Name of Plant	Location (MOEE Office)	Type of Concern	Status Report Based on Information Received from Jan 1 - Dec 31, 1992
4	Mitsubishi Electronics	Midland (Barrie)	Metal, Plastics and Finishing Effluent	<ul style="list-style-type: none"> <li>Exceeded the effluent quality objective for total suspended solids two times and fluoride one time during the reporting period.</li> <li>At the Ministry's request, Mitsubishi is conducting an effluent study, including a receiving water assessment.</li> <li>Based on the results of the study, Mitsubishi's Certificate of Approval may be amended to include limits on other parameters.</li> </ul>
5	Petro Canada Products Inc. Mississauga Refinery	Mississauga (Oakville)	Petroleum Refining Effluent	<ul style="list-style-type: none"> <li>Exceeded the guidelines for total suspended solids on one occasion during the reporting period.</li> <li>The single exceedance was marginal. The 1992 data shows an improvement from 1991.</li> </ul>
6	Pringle Creek WPCP	Whitby (York-Durham)	Municipal Sewage Treatment Plant Effluent	<ul style="list-style-type: none"> <li>Exceeded the monthly average for total phosphorus on one occasion.</li> <li>Process modifications and equipment repair are addressing the exceedances.</li> </ul>





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No.	Name of Plant	Location (MOEE Office)	Type of Concern	Status Report Based on Information Received from Jan 1 - Dec 31, 1992
1	Cal Graphite	Kearney (North Bay)	Graphite Mine Effluent	<ul style="list-style-type: none"><li>Exceeded Certificate of Approval limits for cadmium - 4 month rolling average - eight times; iron - 4 week rolling average 14 times and pH once during the reporting period.</li><li>This was the first year of operation for this facility.</li></ul>
2	Callander Lagoon	North Himsworth (North Bay)	Municipal Effluent	<ul style="list-style-type: none"><li>Exceeded Certificate of Approval for total suspended solids loading limit in May.</li></ul>
3	Canamax Resources Inc., Kremzar Mine	Wawa (Sault Ste. Marie)	Mining Effluent	<ul style="list-style-type: none"><li>Exceeded Certificate of Approval limit for iron in April.</li><li>Mine is no longer operating.</li><li>Closure plan is in draft.</li></ul>
4	Chapleau Lagoon	Chapleau (Sault Ste. Marie)	Municipal Effluent	<ul style="list-style-type: none"><li>Exceeded Certificate of Approval monthly limit for biochemical oxygen demand four times and total suspended solids twice during the reporting period.</li><li>Accumulated sludge was removed from the lagoon to increase retention time.</li></ul>

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No.	Name of Plant	Location (MOEE Office)	Type of Concern	Status Report Based on Information Received from Jan 1 - Dec 31, 1992
5	Deak Resources Corporation	Virginiatown (Timmins)	Gold Mine and Mill Effluent	<ul style="list-style-type: none"> <li>• The company operated under two Certificates of Approval during the year; from January to June and a new one for the balance of the year.</li> <li>• Exceeded Certificate of Approval monthly limits for cumulative heavy metals five times from January to June; each of total cyanide and nickel on four occasions and copper twice during the reporting period.</li> <li>• Exceeded Certificate of Approval monthly limits for nickel on four occasions and arsenic once from July to December.</li> <li>• Company was charged and pleaded guilty under Section 30 of the Ontario Water Resources Act; the company installed an effluent treatment plant in May of 1992 to attain compliance.</li> </ul>
6	Eastmaque Gold Mines Ltd.	Kirkland Lake (Timmins)	Gold Mine and Mill Effluent	<ul style="list-style-type: none"> <li>• Exceeded Certificate of Approval 4-week rolling average limit for total suspended solids three times during the reporting period.</li> <li>• This mine is now closed; the effluent consists only of natural drainage and is consistently lower than the total suspended solids limit.</li> </ul>
7	Englehart Lagoon	Englehart (Timmins)	Municipal Effluent	<ul style="list-style-type: none"> <li>• Exceeded Certificate of Approval monthly limit for total phosphorus three times during the reporting period.</li> <li>• Trials with different phosphorus removal methods are being attempted by the operating authority.</li> </ul>



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No.	Name of Plant	Location (MOEE Office)	Type of Concern	Status Report Based on Information Received from Jan 1 - Dec 31, 1992
8	Falconbridge Ltd. Lindsley Mine	Sudbury (Sudbury)	Mining Effluent	<ul style="list-style-type: none"> <li>Exceeded Certificate of Approval monthly limit for zinc in December.</li> <li>A company report on possible sources is under review by MOEE staff.</li> </ul>
9	Falconbridge Ltd. NIR Road	Falconbridge (Sudbury)	Mining Effluent	<ul style="list-style-type: none"> <li>Exceeded Certificate of Approval limit for iron - 4 week rolling average 5 times.</li> <li>Company has formed a project team to investigate sources.</li> </ul>
10	Hallebourg Lagoon	Hallebourg (Timmins)	Municipal Effluent	<ul style="list-style-type: none"> <li>Exceeded Certificate of Approval monthly limit for total phosphorus in June.</li> <li>The operating authority has initiated phosphorus removal treatment.</li> </ul>
11	INCO - Copper Cliff Creek Wastewater Treatment Plant	Copper Cliff (Sudbury)	Nickel Mining, Milling, Smelting Effluent	<ul style="list-style-type: none"> <li>Exceeded Certificate of Approval monthly average limits for iron six times; nickel five times; cadmium and total suspended solids once each during the reporting period.</li> <li>Abatement initiatives have significantly lowered the number of exceedances since 1991. Abatement staff meet regularly with company staff to ensure continued improvement toward compliance.</li> </ul>

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Status Report Based on Information Received from Jan 1 - Dec 31, 1992		Type of Concern		Location (MOEE Office)		Name of Plant	
12	INCO - Nolin Creek Wastewater Treatment Plant	Sudbury (Sudbury)	Nickel Mining Property Effluent	• Exceeded Certificate of Approval monthly average limits for pH twice; copper and total suspended solids once each during the reporting period. • Abatement initiatives have significantly lowered the number of exceedances since 1991. Abatement staff meet regularly with company staff to ensure continued improvement towards compliance.			
13	INCO - Whistle Mine	Sudbury (Sudbury)	Nickel Mine Effluent	• Exceeded Certificate of Approval for cadmium in March and August. • Company claims analytical problems have given false exceedances since the mine has not operated since September 1991.			
14	Jogues Lagoon	Jogues (Timmins)	Municipal Effluent	• Exceeded Certificate of Approval monthly limit for total suspended solids in May. • The operating authority will change operational procedures to eliminate exceedances in the future.			
15	Killamey Lagoon	Rutherford and George Island (Sudbury)	Municipal Effluent	• Exceeded Certificate of Approval for total suspended solids limit in May. • Exceedance was due to an algae bloom. The operating authority is reviewing remedial measures.			



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No.	Name of Plant	Location (MOEE Office)	Type of Concern	Status Report Based on Information Received from Jan 1 - Dec 31, 1992
16	Kirkland Lake Power	Kirkland Lake (Timmins)	Electric Power Generating Effluent	<ul style="list-style-type: none"><li>Exceeded Certificate of Approval limits for pH on thirty occasions; total suspended solids monthly limit on three occasions, zinc monthly limit on one occasion, and total phosphorus monthly net loading on one occasion during the reporting period.</li><li>The company took corrective measures regarding the pH control system and installed erosion protection to reduce total suspended solids losses. Since zinc and phosphorus exceedances were associated with high solids this should solve that problem also.</li></ul>
17	Lac D'Amiante du Quebec/ Aquarius Mine	Timmins (Timmins)	Gold Mine and Mill Effluent	<ul style="list-style-type: none"><li>Exceeded Certificate of Approval 4-week rolling average limit for total suspended solids once during the reporting period.</li><li>Exceedance was caused by a storm event.</li><li>Mine ceased operation in 1989 but continues to discharge stormwater.</li><li>No closure plan.</li></ul>
18	Lac Minerals Ltd. Macassa Division	Kirkland Lake (Timmins)	Gold Mine and Mill Effluent	<ul style="list-style-type: none"><li>Exceeded Certificate of Approval 4-week rolling average for total suspended solids on two occasions.</li><li>There was a siltation problem during spring runoff; the company has hydro-seeded bare areas in the drainage ditch which should resolve this problem.</li></ul>

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No.	Name of Plant	Location (MOEE Office)	Type of Concern	Status Report Based on Information Received from Jan 1 - Dec 31, 1992
19	MacMillan-Blodel	Sturgeon Falls (North Bay)	Pulp & Paper Effluent	<ul style="list-style-type: none"> <li>Exceeded Control Order limit for clarifier effluent total suspended solids on 110 days; treated effluent total suspended solids on 54 days; combined final effluent total suspended solids daily loading limit on 116 days; 30 day average limit on 138 days and daily concentration limit on 72 days. Also total dissolved oxygen % saturation in the Sturgeon River fell below 47% in July on two days. Mill process has been reconstructed to operate on 100% recycled fibre. New process is expected to meet total suspended solids and dissolved oxygen limits in the Control Order.</li> </ul>
20	McFarlane Lake	Broder Township (Sudbury)	Municipal Effluent	<ul style="list-style-type: none"> <li>Exceeded Certificate of Approval total suspended solids monthly limit for ten months and the total phosphorus monthly limit for nine months.</li> <li>Work to enhance wastewater treatment to meet compliance is ongoing.</li> </ul>
21	Muscocho Mine Explorations, Magino Mine	Dubreuilville (Sault Ste. Marie)	Mining Effluent	<ul style="list-style-type: none"> <li>Exceeded Certificate of Approval limits for iron ten times; copper six times; zinc five times; cumulative heavy metals four times; ammonium four times; and nickel, cadmium and cyanide two times each during the reporting period.</li> <li>Mine is no longer operating.</li> <li>A closure plan is in draft for review in November 1993.</li> </ul>



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No.	Name of Plant	Location (MOEE Office)	Type of Concern	Status Report Based on Information Received from Jan 1 - Dec 31, 1992
22	Muscocho Mine Explorations, Magnacon Mine	Wawa (Sault Ste. Marie)	Mining Effluent	<ul style="list-style-type: none"><li>• Exceeded Certificate of Approval for cadmium limit in October.</li><li>• Mine is no longer operating.</li><li>• A closure plan is in draft for review in November 1993.</li></ul>
23	Opasatika Lagoon	Opasatika (Timmins)	Municipal Effluent	<ul style="list-style-type: none"><li>• The lagoon was discharged from April through to June. The Certificate of Approval allows discharge in May only.</li><li>• The Municipality has applied for a Certificate of Approval amendment to change the discharge period.</li></ul>
24	Powassan Lagoon	Powassan (North Bay)	Municipal Effluent	<ul style="list-style-type: none"><li>• Exceeded Certificate of Approval monthly total phosphorus loading limit in May.</li><li>• The operating authority will change operational procedures to eliminate exceedances, in the future.</li></ul>
25	Royal Oak Mines Inc., Pamour #1	Timmins (Timmins)	Gold Mine and Mill Effluent	<ul style="list-style-type: none"><li>• Exceeded Certificate of Approval 4-week rolling average limit for total suspended solids on four occasions.</li><li>• The company is receiving the analysis results of the final discharge in a more timely fashion which allows the company to monitor the effluent in a more effective manner.</li><li>• Company is expected to be in compliance in 1993.</li></ul>

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26	Royal Oak Mines Inc., Schumacher	Timmins (Timmins)	Gold Mine and Mill Effluent	<ul style="list-style-type: none"> <li>Exceeded Certificate of Approval 4-week rolling average limit for copper on two occasions during the reporting period.</li> <li>Mine ceased operation in 1989 but continues to discharge stormwater.</li> <li>No closure plan.</li> </ul>
27	St. Andrew Goldfields Ltd.	Black River - Matheson Stock Twp. (Timmins)	Gold Mine and Mill Effluent	<ul style="list-style-type: none"> <li>Exceeded Certificate of Approval 4-week rolling average limit for total suspended solids on nine occasions; copper on six occasions; pH on four occasions; cumulative heavy metals on three occasions; total cyanide on two occasions during the reporting period.</li> <li>Company ceased discharging while problem was addressed.</li> <li>The company applied for an amendment to their Certificate of Approval.</li> <li>The Certificate of Approval was amended to increase the pH limit, to allow addition of flocculant to the polishing pond for total suspended solids control, and to base discharge loading limits on the river flow.</li> </ul>
28	Township of Field	Township of Field (North Bay)	Municipal Effluent	<ul style="list-style-type: none"> <li>Exceeded Certificate of Approval monthly limit for total phosphorus three times during the reporting period.</li> <li>Utility Operations staff of the Ministry are assisting the Municipality in correcting operational problems.</li> </ul>



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29	Val-Gagne Lagoon	Black River- Matheson (Timmins)	Municipal Effluent	<ul style="list-style-type: none"><li>• Exceeded Certificate of Approval monthly concentration and loading limits for total suspended solids in May.</li><li>• An algae bloom caused the exceedance.</li></ul>
30	Val Rita Lagoon	Val Rita-Harty (Timmins)	Municipal Effluent	<ul style="list-style-type: none"><li>• Exceeded Certificate of Approval monthly limit for total suspended solids once during the reporting period.</li><li>• Remedial measures have been taken.</li></ul>
31	White River Lagoon	White River (Sault Ste. Marie)	Municipal Effluent	<ul style="list-style-type: none"><li>• The lagoon exfiltrates contrary to Certificate of Approval.</li><li>• Municipality has been requested to have a consultant investigate possible affects on ground water.</li></ul>

## Non-Compliance With Policies and Guidelines

## Northeastern Region

No.	Name of Plant	Location (MOEE Office)	Type of Concern	Status Report Based on Information Received from Jan 1 - Dec 31, 1992
1	Algoma Steel Ore Division	Michipicoten - Wawa (Sault Ste. Marie)	Mining Effluent	<ul style="list-style-type: none"> <li>Exceeded guidelines for pH 21 times; total suspended solids 16 times; manganese six times and iron twice during the reporting period.</li> <li>Tailings dam repairs were completed in 1992 and no further exceedances are anticipated.</li> </ul>
2	Belle Vallée Lagoon	Township of Casey (Timmins)	Municipal Effluent	<ul style="list-style-type: none"> <li>Exceeded yearly biochemical oxygen demand and total suspended solids guidelines.</li> <li>Municipality is considering passage of a sewer use by-law to maintain raw sewage within desired range.</li> </ul>
3	Bob's Lake Lagoon	Timmins (Timmins)	Municipal Effluent	<ul style="list-style-type: none"> <li>Exceeded yearly biochemical oxygen demand guidelines.</li> <li>Municipality is planning for a new pumping station for the fiscal year 1994/95 which will direct flows to the Whitney-Tisdale sewage treatment plant.</li> </ul>
4	Cochrane WPCP	Cochrane (Timmins)	Municipal Effluent	<ul style="list-style-type: none"> <li>Exceeded yearly biochemical oxygen demand guideline prior to plant expansion.</li> <li>Plant expansion was completed in July 1992.</li> <li>Plant was within the guideline for the remainder of 1992.</li> </ul>
5	Earlton Lagoon	Township of Armstrong (Timmins)	Municipal Effluent	<ul style="list-style-type: none"> <li>Exceeded yearly biochemical oxygen demand and total suspended solids guideline limits.</li> <li>Lagoon was hydraulically overloaded. Municipality has indicated a commitment to enforce the existing by-law restricting connection of roof drains to sanitary sewers.</li> <li>A flow monitoring program is underway.</li> </ul>



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6	Espanola WPCP	Espanola (Sudbury)	Municipal Effluent	<ul style="list-style-type: none"> <li>Failed to meet the annual % removal guideline for total suspended solids.</li> <li>A plant expansion is planned.</li> </ul>
7	Falconbridge Limited Kidd Creek Mines Metallurgical Site	Timmins (Timmins)	Metal Refinery Effluent	<ul style="list-style-type: none"> <li>The Metal Mining Effluent Guidelines were exceeded for total suspended solids and zinc two times each during the reporting period.</li> <li>An improvement to the overall retention of the treatment system was completed in 1992. It is expected that the improved retention within the entire system, along with the proposed pH control installation in 1994, will result in compliance.</li> </ul>
8	Falconbridge Limited Kidd Creek Mines Mine Site	Timmins (Timmins)	Metal Mining Effluent	<ul style="list-style-type: none"> <li>The Metal Mining Effluent Guideline monthly limit for zinc was exceeded three times.</li> <li>An improved lime treatment station is being planned along with a carbon dioxide plant for 1993/94. A retention time study will be conducted during the summer of 1993.</li> </ul>
9	INCO - Crean Hill Mine	Sudbury (Sudbury)	Nickel Mine Effluent	<ul style="list-style-type: none"> <li>Exceeded guidelines for pH in March.</li> <li>Abatement staff will continue to monitor company.</li> <li>Forthcoming MISA mining effluent regulation will limit pH.</li> </ul>

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10	INCO - Garson Mine	Garson (Sudbury)	Nickel Mine Effluent	<ul style="list-style-type: none"> <li>Exceeded guideline for pH five times and total suspended solids once during the reporting period.</li> <li>Abatement staff will continue to monitor company.</li> <li>Forthcoming MISA mining effluent regulation will limit pH.</li> </ul>
11	INCO - Levack Mine	Levack (Sudbury)	Nickel Mine Effluent	<ul style="list-style-type: none"> <li>Exceeded guideline for total suspended solids six times; nickel four times and pH once during the reporting period.</li> <li>Facility is being closed. No Abatement action anticipated.</li> </ul>
12	INCO - Nickel Refinery	Copper Cliff (Sudbury)	Nickel Refinery Effluent	<ul style="list-style-type: none"> <li>Exceeded guidelines for nickel in February.</li> <li>Abatement staff will continue to monitor company.</li> <li>Forthcoming MISA mining effluent regulation will limit nickel.</li> </ul>
13	Iroquois Falls WPCP	Iroquois Falls (Timmins)	Municipal Effluent	<ul style="list-style-type: none"> <li>Exceeded yearly biochemical oxygen demand guideline once during the reporting period.</li> <li>Non compliance is due to insufficient aeration. Upgrading of the aeration section of the plant is planned for 1993.</li> </ul>
14	Moosonee WPCP	Moosonee Development Area Board (Timmins)	Municipal Sewage Effluent	<ul style="list-style-type: none"> <li>Exceeded yearly total suspended solids guideline.</li> <li>Operating authority is seeking approval to upgrade the plant.</li> </ul>



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15	North Cobalt Lagoon	Haileybury (North Bay)	Sewage Lagoon Effluent	<ul style="list-style-type: none"><li>• The facility cannot meet the guideline retention time because of hydraulic loading.</li><li>• A new lagoon is expected to be constructed by July 1994.</li></ul>
16	Rio Algom - Stanleigh	Elliot Lake (Sault Ste. Marie)	Mining Effluent	<ul style="list-style-type: none"><li>• Exceeded guideline for pH in May.</li><li>• Company has been notified and MOEE will monitor.</li></ul>
17	Sault Ste. Marie East End Plant	Sault Ste. Marie (Sault Ste. Marie)	Municipal Effluent	<ul style="list-style-type: none"><li>• Exceeded the total phosphorus monthly guideline seven times during the reporting period.</li><li>• Testing to achieve better removal is ongoing.</li></ul>
18	Verner Lagoon	Caldwell Township (Sudbury)	Sewage Lagoon Effluent	<ul style="list-style-type: none"><li>• Exceeded the total phosphorus monthly guideline once during the reporting period.</li><li>• Lagoon returned to compliance for the remainder of 1992.</li></ul>

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## Northwestern Region

Non-Compliance With Control Order and Certificate of Approval Limits

No.	Name of Company	Location (MOEE Office)	Type of Concern	Status Report Based on Information Received from Jan 1 - Dec 31, 1992
1	Boise Cascade Canada Ltd.	Fort Frances (Kenora)	Pulp and Paper Effluent	<ul style="list-style-type: none"><li>• Suspended solids daily and monthly Control Order limits were exceeded in October and November as a result of construction activities associated with their new aeration lagoon.</li><li>• Water levels in the existing treatment system had to be lowered to facilitate installation of the effluent line from the new lagoon to the existing system. As a result, the contents of the settling basin turned anaerobic, causing suspended solids to be carried through the existing aeration lagoon and being discharged with the effluent.</li><li>• Construction was completed in November and the new aeration lagoon began operation in December.</li><li>• Company was in compliance for the month of December.</li><li>• Plant is expected to be in compliance for 1993.</li></ul>



# NON-COMPLIANCE REPORT/1992

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## Non-Compliance With Control Order and Certificate of Approval Limits

Northwestern Region

No.	Name of Company	Location (MOEE Office)	Type of Concern	Status Report Based on Information Received from Jan 1 - Dec 31, 1992
2	Boise Cascade Canada Ltd.	Kenora (Kenora)	Pulp and Paper Effluent	<ul style="list-style-type: none"><li>• Suspended solids daily and monthly Control Order limits were exceeded in May, due to a major malfunction in the clarifier which resulted in it being shut down for 8 days. Company had suspended operations in April due to poor market conditions. Clarifier intake line failed on startup. During the repair period an interim suspended solids limit was authorized by an Order, issued under the OWRA.</li><li>• Once the clarifier was repaired, the company was in compliance for the remainder of 1992.</li></ul>

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Non-Compliance With Control Order and Certificate of Approval Limits

Northwestern Region

No.	Name of Company	Location (MOEE Office)	Type of Concern	Status Report Based on Information Received from Jan 1 - Dec 31, 1992
3	Canadian Pacific Forest Products Ltd.	Thunder Bay (Thunder Bay)	Pulp and Paper Effluent	<ul style="list-style-type: none"><li>• Suspended solids daily Control Order limit was exceeded 15 times while the monthly average total suspended solids limit was exceeded for nine months throughout the year.</li><li>• Daily suspended solids exceedances were caused by elevated suspended solids levels from their water treatment plant being discharged to their combined outfall during periods of heavy rainfall and spring runoff.</li><li>• Removal of large quantities of biochemical oxygen demand in their secondary treatment plant results in an increase in biological solids in their effluent.</li><li>• Company is attempting to optimize the operation of their secondary treatment plant to reduce level of solids discharged.</li></ul>



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Northwestern Region

No.	Name of Company	Location (MOEE Office)	Type of Concern	Status Report Based on Information Received from Jan 1 - Dec 31, 1992
4	Dickenson Mines Ltd. - Arthur W. White Mine. Placer Dome Inc. - Campbell Red Lake Mine.	Balmertown (Kenora)	Mining Effluent	<ul style="list-style-type: none"><li>• The effluent from the tailings area is created by discharges from both mines. Compliance with arsenic limit has been achieved since May and with heavy metals since August as a result of the startup of the Campbell Mine pressure oxidation system one year earlier. This process change was implemented to decrease these exceedances.</li><li>• Effects on the effluent quality resulting from the new pressure oxidation system which began operation in June, 1991, was projected to take one year.</li><li>• Arsenic and cumulative heavy metals limits in the Certificate of Approval were exceeded three times each throughout the reporting period based on monthly averages.</li></ul>

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## Non-Compliance With Control Order and Certificate of Approval Limits

## Northwestern Region

No.	Name of Company	Location (MOEE Office)	Type of Concern	Status Report Based on Information Received from Jan 1 - Dec 31, 1992
5	Domtar Packaging Inc.	Red Rock (Thunder Bay)	Pulp and Paper Effluent	<ul style="list-style-type: none"> <li>• Total suspended solids daily Control Order limit was exceeded on one occasion while their suspended solids 30-day rolling average limit was exceeded 15 times during May.</li> <li>• Exceedances were a result of maintenance procedures and operational changes while experimenting with new product lines.</li> <li>• Company was advised to co-ordinate maintenance and changing of product lines to ensure discharge limits are not exceeded.</li> <li>• Company has downsized its operation and stabilized their new product lines.</li> <li>• Company was in compliance for the remainder of 1992.</li> </ul>
6	James River Marathon Ltd.	Marathon (Thunder Bay)	Pulp and Paper Effluent	<ul style="list-style-type: none"> <li>• Daily biochemical oxygen demand Control Order limit was exceeded on one occasion in January.</li> <li>• Investigation by the company and MOEE staff did not reveal the cause.</li> <li>• Company was in compliance for the remainder of 1992.</li> </ul>



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Northwestern Region

No.	Name of Company	Location (MOEE Office)	Type of Concern	Status Report Based on Information Received from Jan 1 - Dec 31, 1992
7	ADM/Ogilvie Mills Ltd.	Thunder Bay (Thunder Bay)	Food Processing Effluent	<ul style="list-style-type: none"> <li>Daily biochemical oxygen demand Control Order limit was exceeded eight days during a single period throughout the year.</li> <li>Exceedances were attributed to sampling problems which were corrected once discovered.</li> <li>Company was in compliance for the remainder of the year.</li> </ul>
8	Schreiber Sewage Treatment Plant	Schreiber (Thunder Bay)	Municipal Effluent	<ul style="list-style-type: none"> <li>Certificate of Approval monthly average biochemical oxygen demand concentration and loading limit were exceeded in December.</li> <li>Biochemical oxygen demand results for December were not representative of the quality of effluent from the plant.</li> <li>Exceedances were caused by the inadequacy of the sampler to perform proper back flushing of sample line and restricted access to the sampling line during the winter months which prohibited manual cleaning.</li> <li>The sample line will be relocated during the summer of 1993.</li> <li>Abatement staff will monitor the results of the sample line relocation.</li> <li>Plant is expected to be in compliance for 1993.</li> </ul>

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Northwestern Region

No.	Name of Company	Location (MOEE Office)	Type of Concern	Status Report Based on Information Received from Jan 1 - Dec 31, 1992
9	Williams Operating Corp., Williams Mine	Marathon (Thunder Bay)	Mining Effluent	<ul style="list-style-type: none"><li>• Company exceeded their Certificate of Approval ammonia limit on one occasion in September.</li><li>• Cause of the exceedance was unknown.</li><li>• The sampling frequency for ammonia has been increased and the treatment plant discharges will be curtailed to avoid future exceedances when the ammonia level begins to rise.</li><li>• Company was in compliance for the remainder of 1992.</li></ul>

# NON-COMPLIANCE REPORT/1992

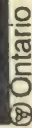
## Non-Compliance With Policies and Guidelines

### Northwestern Region

No.	Name of Company	Location (MOEE Office)	Type of Concern	Status Report Based on Information Received from Jan 1 - Dec 31, 1992
1	Abitibi Price Inc. Fort William Division	Thunder Bay (Thunder Bay)	Pulp and Paper Effluent	<ul style="list-style-type: none"> <li>• Total phosphorus guideline was exceeded for three months in the main sewer lagoon effluent and for eight months in the bark lagoon effluent during the year based on one sample per month from each source.</li> <li>• Approval has been received to segregate streams and test alternate technology to improve effluent quality.</li> <li>• Company's current treatment facilities are not designed to remove phosphorus.</li> <li>• Forthcoming MISA Pulp and Paper regulations will set limits on this parameter.</li> </ul>
2	Canada Pacific Forest Products Ltd.	Thunder Bay (Thunder Bay)	Pulp and Paper Effluent	<ul style="list-style-type: none"> <li>• Total phosphorus guideline was exceeded for 11 times during the reporting period.</li> <li>• Company is attempting to optimize the efficiency of the secondary treatment plant by reducing phosphorus addition for biochemical oxygen demand removal.</li> <li>• Company is expected to be in compliance in 1993.</li> </ul>
3	Madsen-Local Services Board	Twp. of Baird (un-organized) (Kenora)	Municipal Effluent	<ul style="list-style-type: none"> <li>• The sewage treatment arrangement did not meet the annual average removal efficiency guideline for biochemical oxygen demand.</li> <li>• Sewage treatment consists of solids removal in a large septic tank with an overflow to an abandoned mine tailing disposal area.</li> <li>• Noncompliance is expected to continue until the treatment facility is upgraded.</li> </ul>



# NON-COMPLIANCE REPORT/1992



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## Non-Compliance With Policies and Guidelines

## Northwestern Region

No.	Name of Company	Location (MOEE Office)	Type of Concern	Status Report Based on Information Received from Jan 1 - Dec 31, 1992
4	ADM/Ogilvie Mills Ltd.	Thunder Bay (Thunder Bay)	Food processing effluent	<ul style="list-style-type: none"><li>• Total suspended solids guideline was exceeded each month throughout the year.</li><li>• Company has received a Certificate of Approval to discharge its treated effluent to a sanitary sewer and construction has been completed.</li><li>• An agreement with the municipality is in place and the company is waiting for final approval from the municipality to discharge in 1993.</li><li>• This will end this company's wastewater discharge directly to a natural water course.</li></ul>

# NON-COMPLIANCE REPORT/1992

## Non-Compliance With Control Order and Certificate of Approval Limits

## Southeastern Region

No.	Name of Plant	Location (MOEE Office)	Type of Concern	Status Report Based on Information Received from Jan 1 - Dec 31, 1992
1	Ault Foods Limited	Winchester (Cornwall)	Food Processing Effluent	<ul style="list-style-type: none"> <li>Exceeded Certificate of Approval annual limits for biochemical oxygen demand and suspended solids for 1992.</li> <li>The company was issued a Certificate of Approval in June of 1993 for it's new wastewater treatment system.</li> <li>Implementation of upgrades will commence in 1993 and effluent quality compliance is anticipated.</li> </ul>
2	Belleville Water Pollution Control Plant	Belleville (Kingston)	Municipal Effluent	<ul style="list-style-type: none"> <li>Exceeded Certificate of Approval monthly limit for total phosphorus once during the reporting period.</li> <li>A polymer addition system has been installed at the treatment works.</li> </ul>
3	Brockville Water Pollution Control Plant	Brockville (Kingston)	Municipal Effluent	<ul style="list-style-type: none"> <li>Exceeded Certificate of Approval monthly limit for total phosphorus on seven occasions during the reporting period.</li> <li>Upgrading of the treatment plant's phosphorus removal, sludge thickening, and sludge storage facilities is anticipated to be completed by May 1994.</li> </ul>
4	Dontar Inc., Containerboard Division	Trenton (Kingston)	Pulp and Paper Sector Effluent	<ul style="list-style-type: none"> <li>Exceeded monthly limit for biochemical oxygen demand on six occasions during the reporting period.</li> <li>The company has applied for Certificate of Approval for an alternate wastewater treatment system (evaporator) which will concentrate their wastewater.</li> <li>Pending approval, the company will eventually go to zero discharge.</li> </ul>

# NON-COMPLIANCE REPORT/1992



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## Southeastern Region

No.	Name of Plant	Location (MOEE Office)	Type of Concern	Status Report Based on Information Received from Jan 1 - Dec 31, 1992
5	Domtar Inc., Wood Preserving Division	Trenton (Kingston)	Wood Preserving Effluent	<ul style="list-style-type: none"><li>Exceeded Certificate of Approval monthly limits at the "North" outfall for pentachlorophenol on eight occasions, phenols once, and total suspended solids once during the reporting period.</li><li>Exceeded Certificate of Approval monthly limits at the "Far North" outfall for pentachlorophenol on seven occasions; total suspended solids on seven occasions; phenols on three occasions, and solvent extractables (oil and grease) once during the reporting period.</li><li>Operational changes at the treatment works in 1991 have increased compliance frequency at the north outfall. Ongoing studies are being conducted to determine the source of the contaminants within the "clean" stormwater drainage areas discharging via the far north outfall.</li><li>The company submitted a remedial action workplan to the MOEE in January 1992; implementation is progressing on schedule.</li></ul>



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## Non-Compliance With Control Order and Certificate of Approval Limits

## Southeastern Region

No.	Name of Plant	Location (MOEE Office)	Type of Concern	Status Report Based on Information Received from Jan 1 - Dec 31, 1992
6	Haley Industries Limited	Haley Station (Ottawa)	Metal Casting Sector Effluent	<ul style="list-style-type: none"> <li>Exceeded Certificate of Approval monthly limits for aluminum, biochemical oxygen demand, nickel, total suspended solids and zinc each twelve times; sulphite eleven times; sulphate ten times; chromium ten times; phenols nine times; and temperature rise twice during the reporting period.</li> <li>Engineering consultants have been hired by the company to design a new wastewater treatment plant to meet the Certificate of Approval requirements. Haley Industries Limited submitted an application for a Certificate of Approval for a "new" wastewater treatment system in 1992.</li> </ul>
7	Maxville Waste Stabilization Ponds	Casselman (Cornwall)	Municipal Effluent	<ul style="list-style-type: none"> <li>Exceeded Certificate of Approval annual limits for biochemical oxygen demand and total suspended solids for 1992.</li> <li>The operating authority has indicated that algal blooms were responsible for effluent non-compliance in 1992 and that operational procedures were being reviewed for 1993.</li> </ul>

# NON-COMPLIANCE REPORT/1992

## Non-Compliance With Control Order and Certificate of Approval Limits

## Southeastern Region

No.	Name of Plant	Location (MOEE Office)	Type of Concern	Status Report Based on Information Received from Jan 1 - Dec 31, 1992
8	Robert O. Pickard Environmental Centre Regional Municipality of Ottawa-Carleton	Gloucester (Ottawa)	Municipal Effluent	<ul style="list-style-type: none"><li>Exceeded Certificate of Approval monthly limits for total phosphorus on ten occasions and the annual limit for total suspended solids in 1992.</li><li>Start-up difficulties have been cited as the reason for effluent non-compliance in 1992.</li><li>Start-up difficulties are being corrected and it is anticipated that the facility will commence effluent quality compliance in 1993.</li></ul>
9	Rockland Waste Stabilization Ponds	Rockland (Cornwall)	Municipal Effluent	<ul style="list-style-type: none"><li>Exceeded Certificate of Approval annual limit for biochemical oxygen demand in 1992.</li><li>Inadequate plant design has been cited for the cause of the exceedance.</li><li>A new wastewater treatment system has been designed and will be approved in 1993.</li></ul>
10	Sonoco Limited	Glen Miller (Kingston)	Pulp and Paper Sector Effluent	<ul style="list-style-type: none"><li>Exceeded Certificate of Approval monthly limit for total suspended solids on 12 occasions in 1992.</li><li>The company's timetable for upgrading the wastewater treatment facilities anticipates completion of secondary treatment by August 1995.</li></ul>

# NON-COMPLIANCE REPORT/1992

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Southeastern Region

No.	Name of Plant	Location (MOEE Office)	Type of Concern	Status Report Based on Information Received from Jan 1 - Dec 31, 1992
11	Wendover Water Pollution Control Plant	Lefaire (Cornwall)	Municipal Effluent	<ul style="list-style-type: none"><li>Exceeded Certificate of Approval monthly limit for total suspended solids on one occasion during the reporting period.</li><li>The company is evaluating the plant operation to determine appropriate correction action for the failed parameter.</li><li>Compliance is anticipated in 1993.</li></ul>



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## Southeastern Region

No.	Name of Plant	Location (MOEE Office)	Type of Concern	Status Report Based on Information Received from Jan 1 - Dec 31, 1992
1	Alfred Waste Stabilization Ponds	Lefaire (Cornwall)	Municipal Effluent	<ul style="list-style-type: none"> <li>Exceeded annual guidelines for total suspended solids in 1992.</li> <li>The operating authority has attributed the reason for total suspended solids noncompliance to inadequate process monitoring.</li> <li>Operational procedures are being reviewed to ensure that an adequate sampling frequency is undertaken during discharge periods.</li> <li>Compliance is anticipated in 1993.</li> </ul>
2	Amprior Water Pollution Control Plant	Amprior (Ottawa)	Municipal Effluent	<ul style="list-style-type: none"> <li>Exceeded annual guideline for biochemical oxygen demand and total suspended solids in 1992.</li> <li>The existing primary treatment plant is to be upgraded to provide biological treatment.</li> <li>It is anticipated that upgrading will be completed in 1995.</li> </ul>
3	Carleton Place Water Pollution Control Plant	Carleton Place (Ottawa)	Municipal Effluent	<ul style="list-style-type: none"> <li>Exceeded monthly guideline for total phosphorus on eleven occasions and annual guidelines for biochemical oxygen demand and suspended solids in 1992.</li> <li>The hydraulic and organic capacities of the existing high-rate treatment facility have been exceeded.</li> <li>The plant is currently being expanded/upgraded.</li> <li>It is anticipated that the upgraded facility will be on-line by September 1993.</li> </ul>

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## Southeastern Region

No.	Name of Plant	Location (MOEE Office)	Type of Concern	Status Report Based on Information Received from Jan 1 - Dec 31, 1992
4	Cornwall Chemicals Limited	Cornwall (Cornwall)	Organic Chemical Manufacturing Sector Effluent	<ul style="list-style-type: none"> <li>Exceeded monthly guideline for total suspended solids on nine occasions during the reporting period.</li> <li>In anticipation of the MISA regulations, the company is evaluating treatment technology required to eliminate total suspended solids exceedances.</li> </ul>
5	Courtaulds Fibres Canada	Cornwall (Cornwall)	Organic Chemical Manufacturing Sector Effluent	<ul style="list-style-type: none"> <li>Exceeded monthly guidelines for zinc on eleven occasions; and total suspended solids on eight occasions; and total phosphorus on one occasion in 1992.</li> <li>The company ceased production in November 1992.</li> </ul>
6	Deseronto Water Pollution Control Plant	Deseronto (Kingston)	Municipal Effluent	<ul style="list-style-type: none"> <li>Exceeded monthly guideline for total phosphorus on five occasions and the annual guideline for total suspended solids in 1992.</li> <li>The sewage treatment plant's hydraulic design capacity had been exceeded.</li> <li>The treatment works are to be upgraded through the addition of a small module to be constructed in 1993.</li> </ul>
7	Domtar Inc., Containerboard Division	Trenton (Kingston)	Pulp and Paper Sector Effluent	<ul style="list-style-type: none"> <li>Exceeded monthly guideline for total phosphorous on twelve occasions during the reporting period.</li> <li>The company has applied for Certificate of Approval for an alternate wastewater treatment system (evaporator) which will concentrate their wastewater. Pending approval, the company will eventually eliminate discharges to surface waters.</li> </ul>

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## Non-Compliance With Policies and Guidelines

## Southeastern Region

No.	Name of Plant	Location (MOEE Office)	Type of Concern	Status Report Based on Information Received from Jan 1 - Dec 31, 1992
8	Essroc Canada Inc.	Pictou (Kingston)	Industrial Minerals Sector Effluent	<ul style="list-style-type: none"> <li>Exceeded annual guidelines for biochemical oxygen demand and suspended solids in 1992.</li> <li>In 1992, the company retained the services of an engineering consulting firm to investigate the feasibility of establishing a closed loop, totally recirculated wastewater management system.</li> <li>The company has budgeted funds for the completion of the recirculation system over the period from 1994 through 1996.</li> </ul>
9	Glen Ayr Kitten Mills	Lanark (Ottawa)	Textile Mill Effluent	<ul style="list-style-type: none"> <li>Exceeded monthly guidelines for biochemical oxygen demand on six occasions and total suspended solids on one occasion in 1992.</li> <li>Manufacturing discontinued in 1992.</li> </ul>
10	ICI Canada Inc., Consolidated Packaging Operation (formerly Stanchem)	Cornwall (Cornwall)	Inorganic Chemical Manufacturing Sector Effluent	<ul style="list-style-type: none"> <li>Exceeded monthly guidelines for total suspended solids on twelve occasions; total phosphorus on ten occasions; and biochemical oxygen demand on eight occasions in 1992.</li> <li>The company is assessing diversion of this effluent to the municipal sewage system operated by the City of Cornwall.</li> </ul>



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No.	Name of Plant	Location (MOEE Office)	Type of Concern	Status Report Based on Information Received from Jan 1 - Dec 31, 1992
11	ICI Canada Inc., ICI Forest Products	Cornwall (Cornwall)	Inorganic Chemical Manufacturing Sector Effluent	<ul style="list-style-type: none"> <li>Exceeded monthly guideline for total suspended solids on twelve occasions in 1992.</li> <li>In May 1993, the company was issued a Certificate of Approval to upgrade it's wastewater treatment system. Compliance is expected in 1993.</li> </ul>
12	Iroquois Water Pollution Control Plant	Iroquois (Cornwall)	Municipal Effluent	<ul style="list-style-type: none"> <li>Exceeded annual guideline for biochemical oxygen demand and suspended solids in 1992.</li> <li>The operating authority has purchased 24-hour composite samplers and increased the frequency of influent and effluent monitoring.</li> <li>The operating authority will evaluate the results from the enhanced sampling program and determine remedial measures necessary to eliminate exceedances.</li> </ul>
13	Kemptville Water Pollution Control Plant	Kemptville (Kingston)	Municipal Effluent	<ul style="list-style-type: none"> <li>Exceeded monthly guideline for total phosphorus on twelve occasions and annual guideline for total suspended solids in 1992.</li> <li>The existing primary wastewater treatment plant is being upgraded to provide "tertiary" biological treatment/filtration.</li> <li>It is anticipated that construction of the "new" treatment works will be completed in 1994.</li> <li>Further work on resolving collection system infiltration problems is estimated to be completed by 1997.</li> </ul>

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## Non-Compliance With Policies and Guidelines

## Southeastern Region

No.	Name of Plant	Location (MOEE Office)	Type of Concern	Status Report Based on Information Received from Jan 1 - Dec 31, 1992
14	Kingston Township Water Pollution Control Plant	Kingston (Kingston)	Municipal Effluent	<ul style="list-style-type: none"> <li>Exceeded monthly guideline for total phosphorus in March of 1992.</li> <li>The plant was in compliance for the remainder of the year.</li> </ul>
15	Lafarge Canada Inc.	Bath (Kingston)	Industrial Mineral Sector Effluent	<ul style="list-style-type: none"> <li>Exceeded monthly guideline at the plant outfall for total phosphorus on three occasions and at the quarry dewatering operation for total suspended solids on eleven occasions in 1992.</li> <li>An engineering consulting firm has produced a storm water control study report for the company.</li> <li>The company is currently reviewing the recommendations outlined within the report for preparation of an abatement proposal.</li> </ul>
16	Morrisburg Water Pollution Control Plant	Chesterville (Cornwall)	Municipal Effluent	<ul style="list-style-type: none"> <li>Exceeded annual average for percentage removal for total suspended solids in 1992.</li> <li>The operating authority cites that insufficient hydraulic capacity was responsible for this facility's exceedances.</li> <li>It is anticipated that a facility expansion/upgrading engineering study will be completed and facility upgrades finalized by December 1996.</li> </ul>

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No.	Name of Plant	Location (MOEE Office)	Type of Concern	Status Report Based on Information Received from Jan 1 - Dec 31, 1992
17	Nestle, A Division of Nestle Enterprises Limited	Chesterville (Cornwall)	Food Processing Effluent	<ul style="list-style-type: none"> <li>Exceeded monthly guidelines for total suspended solids on three occasions; biochemical oxygen demand on two occasions; and total phosphorus on one occasion in 1992.</li> <li>Compliance with MOEE policies was consistently achieved from June 1992 by treatment optimization.</li> </ul>
18	Nitrochem Inc.	Maitland (Kingston)	Inorganic Chemical Manufacturing Sector	<ul style="list-style-type: none"> <li>Exceeded monthly concentration objective limits for ammonia on ten occasions and pH on six occasions in 1992.</li> <li>The company is evaluating the impact of the shutdown of ammonia production (November 1992) on effluent quality.</li> <li>Nitrochem is upgrading it's treatment plant pH control system in 1993. Nitrochem is participating in a Spills Prevention Strategy with planned implementation from 1993 to 1995.</li> </ul>
19	Perth Waste Stabilization Ponds	Perth (Ottawa)	Municipal Effluent	<ul style="list-style-type: none"> <li>Exceeded monthly guideline for total phosphorus for the first three months of 1992.</li> <li>Plant was in compliance for the remainder of 1992.</li> </ul>
20	Petawawa Water Pollution Control Plant	Petawawa (Ottawa)	Municipal Effluent	<ul style="list-style-type: none"> <li>Exceeded monthly guideline for total phosphorus on one occasion in 1992.</li> <li>Plant was in compliance for remainder of 1992.</li> </ul>



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## Southeastern Region

No.	Name of Plant	Location (MOEE Office)	Type of Concern	Status Report Based on Information Received from Jan 1 - Dec 31, 1992
21	Plantagenet Waste Stabilization Pond	Lefaire (Cornwall)	Municipal Effluent	<ul style="list-style-type: none"> <li>Exceeded annual guideline for suspended solids in 1992.</li> <li>The operating authority cites algal blooms as the reason for suspended solids non-conformance in 1992.</li> <li>Compliance is expected in 1993.</li> </ul>
22	Prescott Water Pollution Control Plant	Prescott (Kingston)	Municipal Effluent	<ul style="list-style-type: none"> <li>Exceeded monthly concentration guideline for total phosphorus on one occasion in 1992 (monthly average concentration restriction).</li> <li>Plant was in compliance for the remainder of 1992.</li> </ul>
23	Renfrew Water Pollution Control Plant	Renfrew (Ottawa)	Municipal Effluent	<ul style="list-style-type: none"> <li>Exceeded monthly concentration guideline for total phosphorus on two occasions in 1992.</li> <li>This "primary" treatment facility lacks adequate plant/process design.</li> <li>A treatability study is to be conducted at the plant for upgrading of the treatment works to "secondary" equivalent treatment.</li> <li>An inspection report released by the Ministry in March 1992 recommends that the municipality upgrade the phosphorus removal system through the provision of a standby chemical feed pump and other improvements.</li> </ul>

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## Non-Compliance With Policies and Guidelines

## Southeastern Region

No.	Name of Plant	Location (MOEE Office)	Type of Concern	Status Report Based on Information Received from Jan 1 - Dec 31, 1992
24	Smiths Falls Water Pollution Control Plant	Smiths Falls (Ottawa)	Municipal Effluent	<ul style="list-style-type: none"><li>Exceeded monthly concentration guidelines for total phosphorus on nine occasions; biochemical oxygen demand; and the annual average percentage removals for total suspended solids in 1992.</li><li>This "primary" treatment facility lacks adequate plant/process design. The plant is currently being upgraded to full biological treatment.</li><li>Compliance is expected in 1994.</li></ul>
25	St. Isidore Waste Stabilization Ponds	Casselman (Cornwall)	Municipal Effluent	<ul style="list-style-type: none"><li>Exceeded annual concentration guidelines for suspended solids in 1992.</li><li>The operating authority has indicated that algal blooms were responsible for effluent non-compliance in 1992.</li></ul>
26	Strathcona Paper Company (a Division of Roman Corp. Ltd.)	Camden East Township (Kingston)	Pulp and Paper Sector Effluent	<ul style="list-style-type: none"><li>Exceeded monthly concentration guideline for total phosphorus on seven occasions in 1992.</li><li>Optimization strategies continue to be reviewed for the company's wastewater treatment lagoons.</li></ul>
27	Wellington Water Pollution Control Plant	Wellington (Kingston)	Municipal Effluent	<ul style="list-style-type: none"><li>Exceeded monthly concentration guidelines for total phosphorus on two occasions in 1992.</li><li>In November and December of 1992, an industry's discharges to the collection system exceeded limits contained within the municipality's sewer use bylaw.</li><li>The company was notified by the operating authority and continues to enforce sewer use bylaw.</li></ul>

# NON-COMPLIANCE REPORT/1992

## Non-Compliance With Control Order and Certificate of Approval Limits

## Southwestern Region

No.	Name of Plant	Location (MOEE Office)	Type of Concern	Status Report Based on Information Received from Jan 1 - Dec 31, 1992
1	Campbell Soup Co. Ltd.	Blanchard Township, Perth County (London)	Food Processing Effluent	<ul style="list-style-type: none"> <li>Exceeded Certificate of Approval limits for total suspended solids five times, biochemical oxygen demand twice and total phosphorus once during the reporting period.</li> <li>Company is working with consultant to improve system to ensure Certificate of Approval criteria are met.</li> </ul>
2	Ethyl Canada Inc.	Corunna (Sarnia)	Organic Chemical Manufacturing Effluent	<ul style="list-style-type: none"> <li>Exceeded Certificate of Approval limits for total suspended solids and ethylene dibromide in October.</li> <li>Exceedances were due to treatment plant start-up difficulties, however, system was expected to settle down to steady state operation in 1993.</li> <li>Compliance is expected in 1993.</li> </ul>
3	Greenway Water Pollution Control Plant	London (London)	Municipal Effluent	<ul style="list-style-type: none"> <li>Exceeded Certificate of Approval exceedance for total suspended solids during the 1st quarter.</li> <li>Discharge for the remaining three quarters met the quarterly requirement.</li> </ul>



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Non-Compliance With Control Order and Certificate of Approval Limits

Southwestern Region

No.	Name of Plant	Location (MOEE Office)	Type of Concern	Status Report Based on Information Received from Jan 1 - Dec 31, 1992
4	Ontario Hydro Bruce NGS B	Tiverton (Owen Sound)	Electric Power Generating Effluent	<ul style="list-style-type: none"><li>Exceeded Certificate of Approvals daily limit from control point 1400 for total residual chlorine four times during the reporting period.</li><li>The sampling location did not allow complete mixing of the chlorine and therefore exceedances were caused by an unrepresentative sample location.</li><li>Ontario Hydro in consultation with MOEE moved the sampling point to better represent effluent at the end of pipe.</li><li>As well, alternative operational procedures have been implemented to reduce the possibility of a recurrence and future exceedances are not anticipated.</li></ul>

# NON-COMPLIANCE REPORT/1992

Ontario

Ministry of Environment and Energy

## Non-Compliance With Policies and Guidelines

## Southwestern Region

No.	Name of Plant	Location (MOEE Office)	Type of Concern	Status Report Based on Information Received from Jan 1 - Dec 31, 1992
1	Amherstburg Water Pollution Control Plant	Amherstburg (Windsor)	Municipal Effluent	<ul style="list-style-type: none"> <li>• Total phosphorus exceeded guidelines for one month.</li> <li>• The exceedance was caused by high flows on the date of sampling.</li> <li>• The problem was corrected immediately.</li> </ul>
2	Champlain Industries Limited	Tara (Owen Sound)	Food Processing Effluent	<ul style="list-style-type: none"> <li>• Exceeded guidelines for total suspended solids three times during the reporting period. No samples were collected by the company in Apr, May, Jun, Jul, Aug, Oct, Dec.</li> <li>• Total phosphorus guidelines were exceeded for those months when samples were submitted.</li> <li>• The company has been requested to improve sampling procedures during production runs and develop an abatement plan to reduce total suspended solids and total phosphorus.</li> </ul>
3	Comber Lagoon	Comber (Windsor)	Municipal Effluent	<ul style="list-style-type: none"> <li>• Exceeded guidelines for total phosphorus during the spring discharge for one month.</li> <li>• Heavy rainfall caused both cells to overflow.</li> <li>• MOEE staff monitored effluent during discharge.</li> <li>• Plant was within the guidelines for the remainder of 1992.</li> </ul>

# NON-COMPLIANCE REPORT/1992

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Ministry of Environment and Energy

## Non-Compliance With Policies and Guidelines

### Southwestern Region

No.	Name of Plant	Location (MOEE Office)	Type of Concern	Status Report Based on Information Received from Jan 1 - Dec 31, 1992
4	Cottam Lagoons	Cottam (Windsor)	Municipal Effluent	<ul style="list-style-type: none"> <li>Exceeded guidelines for total suspended solids on the last day of the fall discharge, causing the annual average criteria to be exceeded.</li> <li>The operating authority has indicated that algal blooms were responsible for the effluent guideline exceedances.</li> <li>MOEE staff monitored effluent during discharge.</li> <li>Plant was within the guidelines for the remainder of 1992.</li> </ul>
5	Dundalk Lagoon	Dundalk (Owen Sound)	Municipal Effluent	<ul style="list-style-type: none"> <li>Exceeded guidelines for total phosphorus during spring discharge for two months.</li> <li>The operating authority has indicated that algal blooms were responsible for the effluent guideline exceedances.</li> <li>Plant was within the guidelines for the remainder of 1992.</li> </ul>
6	Ethyl Canada Inc.	Corunna Sarnia	Organic Chemical Mfg. Effluent	<ul style="list-style-type: none"> <li>Ethylene dibromide exceeded Environmental Protection Service objective from final plant effluent control point twice during the reporting period.</li> <li>New wastewater system began operation in late October, 1992.</li> <li>Effluent is expected to be in compliance with objectives and guidelines for 1993.</li> </ul>



# NON-COMPLIANCE REPORT/1992

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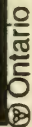
Ministry of Environment and Energy

## Non-Compliance With Policies and Guidelines

## Southwestern Region

No.	Name of Plant	Location (MOEE Office)	Type of Concern	Status Report Based on Information Received from Jan 1 - Dec 31, 1992
7	Ford Motor Company Ltd.	Windsor (Windsor)	Metal Casting Effluent	<ul style="list-style-type: none"> <li>Exceeded phenol objectives every month during the reporting period. Company has submitted a phenol reduction plan to the local District Office.</li> <li>Total phenol loadings from the company are expected to be reduced during 1993.</li> </ul>
8	Gay Lee Foods Cooperative Limited	Teeswater (Owen Sound)	Food Processing Effluent	<ul style="list-style-type: none"> <li>Exceeded total phosphorus guideline twelve times, suspended solids objective twice and experienced a marginal exceedance of biochemical oxygen demand once during the reporting period.</li> <li>The total suspended solids exceedances were caused by rain events.</li> <li>Total phosphorus guidelines were exceeded for those months when samples were submitted.</li> </ul>
9	General Chemical Canada Ltd.	Amherstburg (Windsor)	Inorganic Chemical Mfg. Effluent	<ul style="list-style-type: none"> <li>Exceeded total suspended solids objectives nine times during the reporting period. Post-precipitation of solids occurred with a 24-hr automatic composite sampler.</li> <li>The company and the MOEE agreed to a trial three-grab sampling program in August 1992 with immediate analysis.</li> <li>Exceeded pH guidelines for all twelve months during the reporting period.</li> <li>MOEE and company are currently discussing abatement options.</li> </ul>

# NON-COMPLIANCE REPORT/1992



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## Non-Compliance With Policies and Guidelines

### Southwestern Region

No.	Name of Plant	Location (MOEE Office)	Type of Concern	Status Report Based on Information Received from Jan 1 - Dec 31, 1992
10	Glencoe Lagoons	Glencoe (London)	Municipal Effluent	<ul style="list-style-type: none"><li>Exceeded monthly guidelines for total phosphorus on one occasion and total suspended solids exceeded annual guidelines.</li><li>The operating authority has indicated that algal blooms were responsible for the effluent guideline exceedances.</li></ul>
11	Greenway Water Pollution Control Plant	London (London)	Municipal Effluent	<ul style="list-style-type: none"><li>Total phosphorus exceeded guidelines for one month during the reporting period.</li></ul>
12	Harrow Lagoons	Harrow (Windsor)	Municipal Effluent	<ul style="list-style-type: none"><li>Exceeded annual guidelines for total suspended solids.</li><li>The operating authority has indicated that algal blooms were responsible for the effluent guideline exceedances.</li><li>Exceedances occurred at the end of the discharge period, all other samples were within acceptable ranges.</li><li>MOEE staff monitored effluent during discharge.</li></ul>
13	Merlin Police Village Lagoon	Raleigh - Tilbury E. (Windsor)	Municipal Effluent	<ul style="list-style-type: none"><li>Exceeded total suspended solids annual guidelines.</li><li>The operating authority has indicated that algal blooms were responsible for the effluent guideline exceedances.</li><li>MOEE staff monitored effluent during discharge.</li><li>Discharge during the fall met the guidelines.</li></ul>

# NON-COMPLIANCE REPORT/1992

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## Non-Compliance With Policies and Guidelines

## Southwestern Region

No.	Name of Plant	Location (MOEE Office)	Type of Concern	Status Report Based on Information Received from Jan 1 - Dec 31, 1992
14	Oil Springs Lagoon	Oil Springs (Sarnia)	Municipal Effluent	<ul style="list-style-type: none"> <li>Exceeded total suspended solids annual guidelines as a result of poor weather conditions, algae formations and problems with the batch chemical dosing.</li> <li>Operating changes are being considered by the MOEE to resolve the treatment difficulties.</li> <li>The operating authority has indicated that algal blooms were responsible for the effluent guideline exceedances.</li> </ul>
15	Omstead Foods Ltd.	Wheatley (Windsor)	Food Processing Effluent	<ul style="list-style-type: none"> <li>Exceeded monthly average objective for biochemical oxygen demand three times; total suspended solids three times and ammonia nitrogen once during the reporting period.</li> <li>Extensive modifications to treatment system are under way and will be completed in 1993.</li> </ul>
16	Owen Sound Water Pollution Control Plant	Owen Sound (Owen Sound)	Municipal Effluent	<ul style="list-style-type: none"> <li>Exceeded total phosphorus guidelines for two months during the reporting period.</li> <li>During the two months in question the chemicals used for phosphorus removal were changed.</li> <li>Plant is now successfully utilizing ferric chloride.</li> </ul>
17	Petrolia Water Pollution Control Plant	Petrolia (Sarnia)	Municipal Effluent	<ul style="list-style-type: none"> <li>Exceeded total phosphorus guidelines for one month during the reporting period.</li> <li>The exceedance may have been as a result of a chemical dosing problem.</li> <li>The plant was within the guidelines for the remainder of 1992</li> </ul>



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## Non-Compliance With Policies and Guidelines

## Southwestern Region

No.	Name of Plant	Location (MOEE Office)	Type of Concern	Status Report Based on Information Received from Jan 1 - Dec 31, 1992
18	Point Edward Water Pollution Control Plant	Point Edward (Sarnia)	Municipal Effluent	<ul style="list-style-type: none"><li>• Total phosphorus exceeded guidelines for nine months.</li><li>• This plant was under construction during 1992, conversion from primary to secondary treatment.</li><li>• After startup of the secondary treatment in the fall, the discharge requirements were met.</li><li>• It is anticipated that the facility will be in compliance during 1993.</li></ul>
19	Port Lambton Lagoons	Sombra (Sarnia)	Municipal Effluent	<ul style="list-style-type: none"><li>• Exceeded total suspended solids annual guidelines.</li><li>• The operating authority has indicated that algal blooms were responsible for the effluent guideline exceedances.</li><li>• Continuous chemical feed equipment is being installed and is expected to be operational in 1993. This will allow greater opportunity to enhance treatment performance during the discharge in 1993.</li></ul>
20	Sarnia Water Pollution Control Plant	Sarnia (Sarnia)	Municipal Effluent	<ul style="list-style-type: none"><li>• Exceeded total phosphorus guidelines for two months.</li><li>• Operational changes such as digester supernatant handling have been made to improve plant performance.</li><li>• A plant expansion is currently under review as part of the Sarnia Pollution Control Study.</li></ul>

# NON-COMPLIANCE REPORT/1992

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## Non-Compliance With Policies and Guidelines

### Southwestern Region

No.	Name of Plant	Location (MOEE Office)	Type of Concern	Status Report Based on Information Received from Jan 1 - Dec 31, 1992
21	Sifto Canda Inc.	Goderich (Owen Sound)	Salt Mining Effluent	<ul style="list-style-type: none"> <li>Exceeded total suspended solids objective once during the reporting period.</li> <li>Exceedance was caused by a loss of pump prime and failure of pump packing.</li> <li>In-plant modifications have taken place to eliminate the possibility of a recurrence.</li> </ul>
22	Sombra Lagoons	Sombra (Sarnia)	Municipal Effluent	<ul style="list-style-type: none"> <li>Total suspended solids exceeded annual guidelines.</li> <li>The operating authority has indicated that algal blooms were responsible for the effluent guideline exceedances.</li> <li>Continuous chemical feed equipment is being installed and is expected operational in 1993. This will allow greater opportunity to enhance treatment performance during discharge in 1993.</li> </ul>
23	Stoney Point Lagoons	Tilbury North	Municipal Effluent	<ul style="list-style-type: none"> <li>Exceeded total suspended solids guidelines on the last day of the fall discharge causing the annual average criteria to be exceeded.</li> <li>The operating authority has indicated that algal blooms were responsible for the effluent guideline exceedances.</li> <li>The plant was within the guidelines for the remainder of 1992.</li> </ul>

# NON-COMPLIANCE REPORT/1992

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Ministry of Environment and Energy

## Non-Compliance With Policies and Guidelines

### Southwestern Region

No.	Name of Plant	Location (MOEE Office)	Type of Concern	Status Report Based on Information Received from Jan 1 - Dec 31, 1992
24	Strathroy Lagoons	Strathroy (London)	Municipal Effluent	<ul style="list-style-type: none"> <li>Exceeded total phosphorus guidelines for three months.</li> <li>Excessive loadings have been traced to a food processing plant.</li> <li>The town has engaged a consultant to review/improve lagoon performance and moved to enforce its sewer-use bylaw by requiring its industries to comply.</li> </ul>
25	Tilbury Lagoons	Tilbury (Windsor)	Municipal Effluent	<ul style="list-style-type: none"> <li>Exceeded total phosphorus guidelines for one month during the reporting period.</li> <li>District staff will investigate optimization of the chemical dosage rates with the Operating Authority to further enhance the treatment process.</li> </ul>
26	Valeo Engine Cooling Ltd.	Stratford (London)	Metal Fabricating	<ul style="list-style-type: none"> <li>Monthly average total suspended solids objective was exceeded four times, and the monthly average zinc objective was exceeded once during the reporting period.</li> <li>Sample location and representative sampling difficulties are being experienced.</li> <li>Company has initiated some pollution prevention strategies including the replacement of zinc and cadmium bearing flux to a hydrobromic acid based flux in an attempt to eliminate the zinc concentration in the plant effluent.</li> <li>Ministry will continue to work with company to change the sample location and obtain more representative sample results.</li> </ul>



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Non-Compliance With Policies and Guidelines

Southwestern Region

No.	Name of Plant	Location (MOEE Office)	Type of Concern	Status Report Based on Information Received from Jan 1 - Dec 31, 1992
27	Watford Lagoon	Watford (Sarnia)	Municipal Effluent	<ul style="list-style-type: none"><li>• Exceeded annual total suspended solids guidelines.</li><li>• The operating authority has indicated that algal blooms were responsible for the effluent guideline exceedances.</li><li>• Operating changes are being considered by MOEE to resolve the treatment difficulties.</li></ul>

# NON-COMPLIANCE REPORT/1992



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## Non-Compliance With Control Order and Certificate of Approval Limits

## West Central Region

No.	Name of Plant	Location (MOEE Office)	Type of Concern	Status Report Based on Information Received from Jan 1 - Dec 31, 1992
1	American Standard, Div. of Wabco Standard Inc.	Cambridge (Cambridge)	Metal Fabrication Plant Effluent	<ul style="list-style-type: none"> <li>Exceeded limit for pH in January and suspended solids in June.</li> <li>Cause of exceedance has been addressed and implant alterations have been made.</li> <li>Company was in compliance for the remainder of 1992.</li> </ul>
2	Cyanamid Canada Inc., Welland Plant	Niagara Falls (Welland)	Inorganic Chemical Plant Effluent	<ul style="list-style-type: none"> <li>Exceeded monthly suspended solids limits for three months. Exceedances were attributed to stormwater runoff.</li> </ul>
3	Dundas WPCP	Dundas (Hamilton)	Municipal Effluent	<ul style="list-style-type: none"> <li>Exceeded monthly concentration limits for biochemical oxygen demand five times during the reporting period. Problems in January and February were attributed to mechanical problems in the primary clarifiers. Repairs have been made to the clarifiers.</li> <li>The problems in July, August and November were attributed to a combination of high flows due to excessive precipitation and waste haulers dumping septage at the plant. Meetings have been held with the haulers to explain what is permitted to be hauled to the plant under the municipality's sewer use bylaw.</li> <li>A more intensive monitoring program is now in place to ensure hauled waste is in compliance with the bylaw.</li> </ul>

# NON-COMPLIANCE REPORT/1992

Ontario

Ministry of Environment and Energy

## Non-Compliance With Control Order and Certificate of Approval Limits

### West Central Region

No.	Name of Plant	Location (MOEE Office)	Type of Concern	Status Report Based on Information Received from Jan 1 - Dec 31, 1992
4	GEON Canada, formerly B.F. Goodrich	Niagara Falls (Welland)	Organic Chemical Plant Effluent	<ul style="list-style-type: none"><li>Exceeded daily total suspended solids concentration limits fifty three times and monthly concentration limits eleven times during the reporting period.</li><li>Exceedances were attributed to the commissioning of a stormwater diversion project.</li><li>Company improved settling capacity with the use of coagulants.</li></ul>
5	Fergus WPCP	Fergus (Cambridge)	Municipal Effluent	<ul style="list-style-type: none"><li>Exceeded monthly total phosphorus limit during February. This was due to the construction and commissioning of the newly expanded plant.</li><li>The plant was in compliance for the remainder of 1992</li></ul>
6	Hespeler WPCP	Cambridge (Cambridge)	Municipal Effluent	<ul style="list-style-type: none"><li>Exceeded monthly concentration limits for total phosphorus three times during the reporting period.</li><li>Construction of plant modifications was completed in June, 1992, after which time, compliance was maintained until December when illegal industrial discharge (containing toxic levels of metals) to sewer occurred.</li><li>The municipality is investigating several suspected industries for violations of the sewer use bylaw.</li></ul>



# NON-COMPLIANCE REPORT/1992



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## Non-Compliance With Control Order and Certificate of Approval Limits

West Central Region

No.	Name of Plant	Location (MOEE Office)	Type of Concern	Status Report Based on Information Received from Jan 1 - Dec 31, 1992
7	Horizon Poultry Products (previously reported as J.M. Schneider Inc.)	Ayr (Cambridge)	Poultry Processing Plant Effluent	<ul style="list-style-type: none"> <li>Exceeded chlorine residual monthly limit four times and total suspended solids limit once during the reporting period.</li> <li>The company is now closely monitoring the chlorine pump levels to ensure exceedances are minimized.</li> <li>Total suspended solids exceedances were attributed to a filamentous bacteria problem in the aeration tanks.</li> <li>Operational changes have been made to correct this problem.</li> </ul>
8	Kimberly-Clark	St. Catharines (Welland)	Pulp and Paper Plant Effluent	<ul style="list-style-type: none"> <li>Exceeded dissolved oxygen and sulphide limits twice during the reporting period.</li> <li>Company is reviewing aeration technologies to enhance aeration to control exceedances and compliance is expected in 1993.</li> </ul>
9	Noranda Forest Recycled Papers	Thorold (Welland)	Pulp and Paper Plant Effluent	<ul style="list-style-type: none"> <li>Exceeded daily concentration limits for total suspended solids 62 times and biochemical oxygen demand nine times. The pH range was exceeded on 27 days.</li> <li>Company is presently under investigation by the Investigations and Enforcement Branch for violations of Certificate of Approval.</li> </ul>

# NON-COMPLIANCE REPORT/1992

## Non-Compliance With Control Order and Certificate of Approval Limits

## West Central Region

No.	Name of Plant	Location (MOEE Office)	Type of Concern	Status Report Based on Information Received from Jan 1 - Dec 31, 1992
10	Ontario Hydro Nanticoke T.G.S.	Nanticoke (Hamilton)	Thermal Generating Ash Lagoon Effluent	<ul style="list-style-type: none"> <li>Exceeded total suspended solids in ash lagoon between January and November 1992 during conversion to a dry ash system. Conversion was completed in November 1992.</li> <li>Copper and zinc exceedances in April were also attributed to the conversion process.</li> <li>MOEE will monitor ash lagoon in 1993 to assure compliance.</li> <li>It is anticipated that conversion to the dry ash system will bring the effluent quality into compliance in 1993.</li> </ul>
11	Orangeville WPCP	Orangeville (Cambridge)	Municipal Effluent	<ul style="list-style-type: none"> <li>Exceeded the monthly total nitrogen loading limit for the month of November.</li> <li>Exceedance likely due to the excessive precipitation experienced during that month.</li> </ul>
12	Rothsay Rendering Div. of Maple Leaf Mills Ltd.	Rothsay (Cambridge)	Rendering Plant Seasonal Lagoon Discharge	<ul style="list-style-type: none"> <li>Company exceeded weekly limit for hydrogen sulphide twice, ammonia once and pH once.</li> <li>Exceedances were due to analytical interferences at or near the detection limit for hydrogen sulphide.</li> </ul>

# NON-COMPLIANCE REPORT/1992

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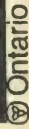
West Central Region

Non-Compliance With Control Order and Certificate of Approval Limits

No.	Name of Plant	Location (MOEE Office)	Type of Concern	Status Report Based on Information Received from Jan 1 - Dec 31, 1992
13	Waterloo WPCP	Waterloo (Cambridge)	Municipal Effluent	<ul style="list-style-type: none"><li>• Exceeded the four week average concentration limit for total suspended solids during April.</li><li>• This was due to a unit process problem which was corrected.</li><li>• Plant was in compliance for the remainder of 1992.</li></ul>



# NON-COMPLIANCE REPORT/1992



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## Non-Compliance With Policies and Guidelines

West Central Region

No.	Name of Plant	Location (MOEE Office)	Type of Concern	Status Report Based on Information Received from Jan 1 - Dec 31, 1992
1	Canadian Oxy Chemicals Ltd.	Fort Erie (Welland)	Organic Chemical Plant Effluent	<ul style="list-style-type: none"><li>Exceeded guideline for phenol three times during the reporting period.</li><li>The exceedances were due to contaminated stormwater runoff mixing with process effluent.</li><li>All process water will be re-circulated, eliminating any process/cooling water discharge from this site.</li><li>The re-circulation project is to be completed in July, 1993.</li></ul>
2	Domtar Specialty Fine Papers	St. Catharines (Welland)	Pulp & Paper Plant Effluent	<ul style="list-style-type: none"><li>Exceeded pulp and paper guideline for biochemical oxygen demand for 12 months.</li><li>Company diverted a portion of its high strength biochemical oxygen demand effluent to the municipal sanitary sewer in December, 1992.</li><li>The company is required to submit a report on the effectiveness of the separation to the final effluent by the end of 1993.</li></ul>
3	Exolon-Esk	Thorold (Welland)	Inorganic Chemical Plant Effluent	<ul style="list-style-type: none"><li>Exceeded guideline for suspended solids and oil and grease twice during the reporting period.</li><li>Total suspended solids guidelines were exceeded due to ineffective settling.</li><li>Plans are underway to upgrade the treatment process.</li></ul>

# NON-COMPLIANCE REPORT/1992



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## Non-Compliance With Policies and Guidelines

## West Central Region

No.	Name of Plant	Location (MOEE Office)	Type of Concern	Status Report Based on Information Received from Jan 1 - Dec 31, 1992
4	Ford Motor Company of Canada	Niagara Falls (Welland)	Glass Plant Effluent	<ul style="list-style-type: none"> <li>Exceeded guidelines for biochemical oxygen demand and total suspended solids once each during the reporting period.</li> <li>Both exceedances were attributed to operational problems of the wastewater treatment plant. Company has improved operation and compliance is expected in 1993.</li> <li>This plant will be closed in early 1994, and all direct wastewater discharges will cease at that time.</li> </ul>
5	General Motors	St. Catharines (Welland)	Metal Casting Plant Effluent	<ul style="list-style-type: none"> <li>Exceeded guideline for phenol on ten occasions during the reporting period.</li> <li>In 1992, company assessed additional treatment, using an experimental enzyme treatment system. The company has reduced the phenol loading; however, the company has not consistently met the 20 ppb guideline.</li> <li>Company will close this foundry facility in 1994 which will eliminate any phenol contamination of the process wastewater discharge.</li> </ul>
6	INCO Ltd. (Metals Refinery)	Port Colborne (Welland)	Metal Refinery Plant Effluent	<ul style="list-style-type: none"> <li>Exceeded the pH guideline in January.</li> <li>The pH exceedance was due to the increased use of lime during stormwater runoff events. The lime is used as a flocculating agent to remove heavy metals.</li> <li>Company is assessing the impact of stormwater on the wastewater treatment plant.</li> <li>Company was in compliance for the remainder of 1992.</li> </ul>

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## Non-Compliance With Policies and Guidelines

## West Central Region

No.	Name of Plant	Location (MOEE Office)	Type of Concern	Status Report Based on Information Received from Jan 1 - Dec 31, 1992
7	Norton Company	Niagara Falls (Welland)	Inorganic Chemical Plant Effluent	<ul style="list-style-type: none"> <li>Exceeded total suspended solids guideline in February.</li> <li>Exceeded the oil and grease guideline for the month of September. This was an isolated incident and the source is unknown.</li> <li>Compliance is expected in 1993.</li> </ul>
8	Port Dover WPCP	Port Dover (Hamilton)	Municipal Effluent	<ul style="list-style-type: none"> <li>Exceeded monthly guideline for total phosphorus twice during the reporting period.</li> <li>Construction is now under way to upgrade this primary treatment plant to a secondary treatment plant.</li> </ul>
9	Port Rowan Lagoon	Port Rowan (Hamilton)	Municipal Effluent	<ul style="list-style-type: none"> <li>Exceeded discharge guidelines for biochemical oxygen demand, total suspended solids and total phosphorus during the spring discharge. The fall discharge met the guidelines.</li> <li>Operational procedures are being reviewed to determine the possible cause of elevated spring results and to prevent a reoccurrence.</li> <li>Subsequent discharges have been in compliance with the guidelines.</li> </ul>
10	The Poultry Co.	Dundas (Hamilton)	Poultry Processing Plant Effluent	<ul style="list-style-type: none"> <li>Exceeded monthly guideline concentrations for phosphorus in October and suspended solids in November.</li> <li>Company is expected to be in compliance in 1993.</li> </ul>



# NON-COMPLIANCE REPORT/1992

## Non-Compliance With Policies and Guidelines

## West Central Region

No.	Name of Plant	Location (MOEE Office)	Type of Concern	Status Report Based on Information Received from Jan 1 - Dec 31, 1992
11	Rothsay (Orengo)	Dundas (Hamilton)	Rendering Plant Effluent	<ul style="list-style-type: none"> <li>Exceeded biochemical oxygen demand guideline four times; total suspended solids three times and oil and grease three times during the reporting period.</li> <li>Company has retained a consulting firm to assess the wastewater treatment process and recommend improvement.</li> <li>The study will be completed in 1993.</li> </ul>
12	Smithville Lagoon	Smithville (Welland)	Municipal Effluent	<ul style="list-style-type: none"> <li>Exceeded total suspended solids guidelines during the annual spring discharge.</li> <li>Laboratory error is suspected in the analysis for one of the suspended solids results and is supported by the low biochemical oxygen demand levels during the discharge period.</li> </ul>
13	Stelco - Hilton Works	Hamilton (Hamilton)	Steel Plant Effluent	<ul style="list-style-type: none"> <li>Exceeded the total suspended solids guideline in February.</li> <li>Company has implemented a program for regular maintenance of sedimentation ponds.</li> <li>Company was in compliance for the remainder of 1992.</li> </ul>
14	St. Jacobs WPCP	St. Jacobs (Cambridge)	Municipal Effluent	<ul style="list-style-type: none"> <li>Exceeded monthly guideline for total phosphorus during June.</li> <li>The exceedance was attributed to a combination of high strength influent flows and repairs to the final clarifier.</li> <li>Company was in compliance for the remainder of 1992.</li> </ul>

# NON-COMPLIANCE REPORT/1992



Ministry of Environment and Energy

## West Central Region

### Non-Compliance With Policies and Guidelines

No.	Name of Plant	Location (MOEE Office)	Type of Concern	Status Report Based on Information Received from Jan 1 - Dec 31, 1992
15	Washington Mills Ltd.	Niagara Falls (Welland)	Inorganic Chemical Plant Effluent	<ul style="list-style-type: none"><li>• Exceeded the oil and grease guideline in February.</li><li>• This exceedance was due to a stormwater event, resulting in elevated oils and grease contaminating the intake for one day.</li></ul>







